1. What are the three items required for a fire to start?

2. How do you discharge static electricity from your body and clothes before entering a tank?

3. Why are low-voltage lamps used in flammable environments?

4. How are workers typically protected from moving parts on machinery?

5. What are some of the reasons for removing guards or covers from moving parts on machinery?

6. What is the extra hazard involved with shafts that move at high speed?

7. Which visual devices can be used to determine if a shaft is moving?

8. Which part of a rotating pulley is the most dangerous if it is not properly sized and installed?

9. What is the most obvious hazard associated with working in construction trenches?

10. What is the minimum distance for a fatal fall?

11. In what ways can chemicals harm us?

12. Why are chemical hazards more dangerous than physical hazards?

13. List the personal protective equipment associated with chemical hazards?

14. Which part of the body is most affected by an atmosphere containing heavy metal?

15. Where do we find rules about a safe working environment?

16. What is the first precaution that should be taken before working on a power tool?

17. What two precautions should be taken when working on the exposed current-carrying parts of an electrical circuit?

18. What precautions should be taken before drilling a hole?

19. What three components determine the seriousness of a toxic hazard?
20. What is the most common type of exposure to harmful contaminants in the air?

21. What are some steps that can be taken to reduce exposure to air contaminants?

22. What is one example of a situation where an employee may be required to work in an unsafe ambient temperature?

23. What are the three main signs of heat exhaustion?

24. Why are salt tablets given to workers in a high ambient environment?

25. How does poor ventilation affect a worker?

26. What are some of the effects of poor illumination in a work area?

27. What is noise?

28. At what decibel level may hearing be affected?

29. What are some of the most common types of hearing protection?

30. What physical agents can cause skin irritants?

31. What does the term “volatile” indicate on a liquid?

32. What precautions should be taken while working with all solvents?

33. When is it especially important to use “lockout/Tagout” on equipment?

34. Is it considered good practice to trade locks with another tradesperson?

35. When are the old locks to be removed from equipment during shift changes?

36. What precautions should be taken before entering a tank or boiler?

37. What types of clothing should not be warn while working in a tank?

38. What is the maximum depth for a trench before shoring, braces, or a cage are required?

39. What are two methods of ensuring safe working conditions in chambers that may not contain enough oxygen?

40. What is the purpose of toe-boards on a scaffold?
41. How many rungs at the top of a ladder cannot be used for standing?

42. What is the ratio for a ladder height to distance from the wall?

43. What type of ladder should be used for electrical work?

44. What is the strength factor for a scaffold or work platform?

45. What are the four classes of fires? Explain each.

46. What are some electrical safety precautions?